

## IN THE UNITED STATES PATENT AND TRADEMARK

Assistant Commissioner for Patents  
Washington, D.C. 20231

Attorney's Docket No.: Ralink-07US.

## FILING TRANSMITTAL

Transmitted herewith for filing is the Patent Application of: Alain Chiodini et al.

For: **"EFFICIENT SUBCARRIER WEIGHTING TO ENHANCE RECEIVER PERFORMANCE"**

## ENCLOSURES

- ☒ 32 page application including specification, claims and abstract;
- ☒ 7 sheets, Figs. 1-7 of formal drawings;
- ☒ an executed Declaration, Power of Attorney & Petition;
- ☒ a postcard for return to us as proof of receipt of the above documents.

## And

- ☒ an executed Assignment of the invention with an assignment cover sheet;
- ☐ Verified Statement Claiming Small Entity Status (37 CFR 1.9(f) and 1.27(b))
- ☐ IDS (form PTO-1449) and copies of references;
- ☒ Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i);
- ☐ a certified copy of the priority document (Under 35 USC 119) is enclosed
- ☐ Other

## TYPE OF FILING

- ☒ This application claims the benefit of an earlier filed U.S. Provisional Patent Application Serial No. 60/455,157 filed March 14, 2003. (35 USC 120).
- ☐ This application claims the benefit of the priority date of an earlier filed \_\_\_\_\_ application (35 USC 119).
- ☐ This is an application filed pursuant to 37 CFR 1.53, permitting receipt of a filing date upon filing of specification, claims and drawings, if required, with applicant being given a period of one month from the date of notice to file the fee and oath or declaration.
- ☒ The subject small business concern, Ralink Technology, Inc. qualifies as a small business concern as defined in 13 CFR 121.318, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full time, part-time, or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.
- ☒ In the event any parts of this application are missing, please treat this as a filing under 37 CFR 1.53 as defined just above.

17548 U.S. PTO  
10/782351

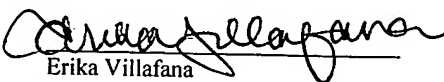


021804

**CERTIFICATE OF MAILING (37 CFR 1.10(a))**

CERTIFICATE OF MAILING BY "EXPRESS MAIL" Rule 10: I hereby certify that this correspondence is being deposited with the U. S. Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 as Express Mail No. EL 919843731 US addressed to Mail Stop Conversion, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: February 18, 2004

  
Erika Villafana

**FEE CALCULATION**

The filing fee has been calculated as shown below:

			SMALL ENTITY	OR	OTHER THAN A SMALL ENTITY	
BASIC FEE Design Patent			\$155	\$	\$310	\$
BASIC FEE Utility Patent			\$385	\$385	\$760	\$760
EXTRA FEES			RATE	FEE	RATE	FEE
Total claims	20	minus 20 = 0	x9 =	\$	x18 =	\$0
Independent Claims	3	minus 3 = 0	X43 =	\$	x78 =	\$
<input type="checkbox"/> Multiple Dep. Claim			+130 =	\$	+260 =	\$
<input checked="" type="checkbox"/> Assignment			+40 =	\$40	+40 =	\$40
<input type="checkbox"/> Rule 53 Surcharge			+65 =	\$	+130 =	\$
TOTAL				\$425		\$

**FEE PAYMENT**

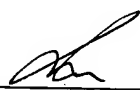
- ☒ Attached is Check No. 2330 in the sum of \$425.00 to cover the filing fee.  
☐ Please charge Account No. \_\_\_\_\_ the sum of \$AMOUNT

**FEE DEFICIENCY**

- ☐ Please charge Account No. \_\_\_\_\_ in the sum of \$AMOUNT  
☒ The Commissioner is authorized to charge (or credit any overpayment) to deposit account No. 501638:  
☒ Any additional filing fees required under 37 CFR 1.16, except Rule 53 filings, which will be paid within the time permitted by PTOL 1533.  
☐ Assignment Recordal fees.  
☒ The filing fee and surcharge under 37 CFR 1.16, patent application processing fees under 37 CFR 1.17 and patent issue fees under 37 CFR 1.18 are intended to be paid by our firm as they arise. As no abandonment is intended by any inadvertent nonpayment of fees, the Commissioner is hereby authorized to charge payment of such fees as from time to time come due, if not paid prior to due date to our Deposit Account No. 501638.

Dated: February 18, 2004

Respectfully submitted,

  
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Attorney Docket: Ralink-08US

**IN THE UNITED STATES AND PATENT AND TRADEMARK**Assistant Commissioner for Patents  
Washington, D.C. 20231


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**REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Alain Chiodini et al.
Title	"EFFICIENT SUBCARRIER WEIGHTING TO ENHANCE RECEIVER PERFORMANCE"
Attorney Docket Number	Ralink-08US

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

February 18, 2004  
Date

  
Signature

Maryam Imam  
Typed or printed name